(FILE 'HOME' ENTERED AT 14:03:27 ON 20 DEC 2001)

FILE 'BIOSIS, CABA, CAPLUS, EMBASE, LIFESCI, MEDLINE, SCISEARCH, USPATFULL, JAPIO' ENTERED AT 14:04:16 ON 20 DEC 2001

L1 330 S SHIGELLA FLEXNERI AND ICSA

L2 108 DUP REM L1 (222 DUPLICATES REMOVED)

ACCESSION NUMBER: 2001:567911 SCISEARCH
THE GENUINE ARTICLE: 451CA
TITLE: Analysis of the O-antigen chain length distribution during extracellular and intracellular growth of **Shigella flexneri**
AUTHOR: Varela G; Schelotto F; di Conza J; Ayala J A (Reprint)
CORPORATE SOURCE: CSIC, Ctr Biol Mol Severo Ochoa, Plaza Murillo 2, Madrid, Spain (Reprint); CSIC, Ctr Biol Mol Severo Ochoa, Madrid, Spain; Univ Republ Montevideo, Inst Higiene, Dept Bacteriol & Virol, Montevideo, Uruguay
COUNTRY OF AUTHOR: Spain; Uruguay
SOURCE: MICROBIAL PATHOGENESIS, (JUL 2001) Vol. 31, No. 1, pp. 21-27.
Publisher: ACADEMIC PRESS LTD, 24-28 OVAL RD, LONDON NW1 7DX, ENGLAND.
ISSN: 0882-4010.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 22
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 16 OF 108 USPATFULL
ACCESSION NUMBER: 2000:157223 USPATFULL
TITLE: Method for introducing and expressing genes in animal cells, and live invasive bacterial vectors for use in the same
INVENTOR(S): Powell, Robert J., Baltimore, MD, United States
Lewis, George K., Baltimore, MD, United States
Hone, David M., Ellicott City, MD, United States
PATENT ASSIGNEE(S): University of Maryland at Baltimore, Baltimore, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6150170		20001121
APPLICATION INFO.:	US 1998-126220		19980730 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1998-433790, filed on 3 May 1998, now patented, Pat. No. US 5877159
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Chambers, Jasemine
ASSISTANT EXAMINER: Martin, Jill D.
LEGAL REPRESENTATIVE: Sughrue, Mion, Macpeak & Seas, PLLC
NUMBER OF CLAIMS: 15
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 6 Drawing Figure(s); 6 Drawing Page(s)
LINE COUNT: 1601
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 17 OF 108 USPATFULL
ACCESSION NUMBER: 2000:142109 USPATFULL
TITLE: Method for screening for inhibitors and activators of type III secretion machinery in gram-negative bacteria
INVENTOR(S): Demers, Brigitte, Paris, France
Sansonetti, Philippe J., Paris, France
Parsot, Claude, Paris, France
PATENT ASSIGNEE(S): Institut Pasteur, Paris, France (non-U.S. corporation)
Institut Nationale de la Sante et de la Recherche, Paris, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6136542		20001024
APPLICATION INFO.:	US 1999-306756		19990507 (9)

s Shigella flexneri and icsA
L1 330 SHIGELLA FLEXNERI AND ICSA

=> dup rem l1
PROCESSING COMPLETED FOR L1
L2 108 DUP REM L1 (222 DUPLICATES REMOVED)

=> d ibib 1-108

L2 ANSWER 1 OF 108 USPATFULL

ACCESSION NUMBER:	2001:119334 USPATFULL
TITLE:	Invaplex from gram negative bacteria, method of purification and methods of use
INVENTOR(S):	Oaks, Edwin W., Gambrills, MD, United States Ross, Kevin, Waldorf, MD, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001009957	A1	20010726
APPLICATION INFO.:	US 2001-772878	A1	20010131 (9)

RELATED APPLN. INFO.: Division of Ser. No. US 1999-408011, filed on 29 Sep 1999, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-102397	19980930 (60)
	US 1998-102398	19980930 (60)
	US 1999-136190	19990527 (60)

DOCUMENT TYPE:	Utility
FILE SEGMENT:	APPLICATION
LEGAL REPRESENTATIVE:	MORRISON & FOERSTER LLP, 2000 PENNSYLVANIA AVE, NW, SUITE 5500, WASHINGTON, DC, 20006-1888
NUMBER OF CLAIMS:	25
EXEMPLARY CLAIM:	1
NUMBER OF DRAWINGS:	19 Drawing Page(s)
LINE COUNT:	1829

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 2 OF 108 USPATFULL

ACCESSION NUMBER:	2001:111832 USPATFULL
TITLE:	Method of stimulating an immune response by administration of host organisms that express intimin alone or as a fusion protein with one or more other antigens
INVENTOR(S):	Stewart, Jr., C. Neal, Greensboro, NC, United States McKee, Marian L., Great Falls, VA, United States O'Brien, Alison D., Bethesda, MD, United States Wachtel, Marian R., Albany, CA, United States
PATENT ASSIGNEE(S):	Henry M. Jackson Foundation for the Advancement of Military Medicine, Rockville, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6261561	B1	20010717
APPLICATION INFO.:	US 1997-840466		19970418 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-15657	19960419 (60)
	US 1996-15938	19960422 (60)

DOCUMENT TYPE:	Utility
FILE SEGMENT:	GRANTED
PRIMARY EXAMINER:	Smith, Lynette R F.

ASSISTANT EXAMINER: Portner, Ginny Allen
LEGAL REPRESENTATIVE: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.
NUMBER OF CLAIMS: 13
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 23 Drawing Figure(s); 23 Drawing Page(s)
LINE COUNT: 2817
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 3 OF 108 USPATFULL
ACCESSION NUMBER: 2001:86593 USPATFULL
TITLE: Invaplex from gram negative bacteria, method of purification and methods of use
INVENTOR(S): Oaks, Edwin V., Gambrills, MD, United States
Turbyfill, Kevin Ross, Waldorf, MD, United States
PATENT ASSIGNEE(S): The United States of America as represented by the Secretary of the Army, Washington, DC, United States (U.S. government)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6245892	B1	20010612
APPLICATION INFO.:	US 1999-408011		19990929 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-102397	19980930 (60)
	US 1998-102398	19980930 (60)
	US 1999-136190	19990527 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Schwartzman, Robert A.
ASSISTANT EXAMINER: Davis, Katharine F
LEGAL REPRESENTATIVE: Arwine, Elizabeth, Harris, Charles H.
NUMBER OF CLAIMS: 21
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 21 Drawing Figure(s); 19 Drawing Page(s)
LINE COUNT: 1822
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 4 OF 108 MEDLINE
ACCESSION NUMBER: 2001459211 MEDLINE
DOCUMENT NUMBER: 21396526 PubMed ID: 11481451
TITLE: Polar targeting of Shigella virulence factor **IcsA** in Enterobacteriacae and Vibrio.
AUTHOR: Charles M; Perez M; Kobil J H; Goldberg M B
CORPORATE SOURCE: Department of Microbiology and Immunology, Albert Einstein College of Medicine, Bronx, NY 10461, USA.
CONTRACT NUMBER: AI35817 (NIAID)
GM16654 (NIGMS)
HL07118 (NHLBI)
SOURCE: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (2001 Aug 14) 98 (17) 9871-6. Journal code: PV3; 7505876. ISSN: 0027-8424.
PUB. COUNTRY: United States
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200109
ENTRY DATE: Entered STN: 20010816
Last Updated on STN: 20010924
Entered Medline: 20010920

L2 ANSWER 5 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 1
ACCESSION NUMBER: 2001:443997 BIOSIS

DOCUMENT NUMBER: PREV200100443997
TITLE: dksA is required for intercellular spread of **Shigella flexneri** via an RpoS-independent mechanism.
AUTHOR(S): Mogull, Scott A.; Runyen-Janecky, Laura J.; Hong, Mei; Payne, Shelley M. (1)
CORPORATE SOURCE: (1) Section of Molecular Genetics and Microbiology, University of Texas, Austin, TX, 78712-1095: payne@mail.utexas.edu USA
SOURCE: Infection and Immunity, (September, 2001) Vol. 69, No. 9, pp. 5742-5751. print.
ISSN: 0019-9567.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 6 OF 108 SCISEARCH COPYRIGHT 2001 ISI (R)
ACCESSION NUMBER: 2001:672617 SCISEARCH
THE GENUINE ARTICLE: 463TF
TITLE: Curved tails in polymerization-based bacterial motility - art. no. 021904
AUTHOR: Rutenberg A D (Reprint); Grant M
CORPORATE SOURCE: Dalhousie Univ, Dept Phys, Halifax, NS B3H 3J5, Canada (Reprint); McGill Univ, Dept Phys, Ctr Phys Mat, Montreal, PQ H3A 2T8, Canada
COUNTRY OF AUTHOR: Canada
SOURCE: PHYSICAL REVIEW E, (AUG 2001) Vol. 6402, No. 2, Part 1, pp. 1904-+.
Publisher: AMERICAN PHYSICAL SOC, ONE PHYSICS ELLIPSE, COLLEGE PK, MD 20740-3844 USA.
ISSN: 1063-651X.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 51
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 7 OF 108 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 2
ACCESSION NUMBER: 2001:64723 CAPLUS
DOCUMENT NUMBER: 134:248530
TITLE: Periplasmic transit and disulfide bond formation of the autotransported Shigella protein **IcsA**
AUTHOR(S): Brandon, Lauren D.; Goldberg, Marcia B.
CORPORATE SOURCE: Infectious Disease Division, Massachusetts General Hospital, Boston, MA, 02114, USA
SOURCE: J. Bacteriol. (2001), 183(3), 951-958
CODEN: JOBAAY; ISSN: 0021-9193
PUBLISHER: American Society for Microbiology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 32
REFERENCE(S): (1) Allaoui, A; Mol Microbiol 1992, V6, P1605 CAPLUS
(2) Bardwell, J; Cell 1991, V67, P581 CAPLUS
(3) Bartolome, B; Gene 1991, V102, P75 CAPLUS
(4) Bernardini, M; Proc Natl Acad Sci USA 1989, V86, P3867 CAPLUS
(5) Debarbieux, L; J Bacteriol 2000, V182, P723 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 8 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 3
ACCESSION NUMBER: 2001:452886 BIOSIS
DOCUMENT NUMBER: PREV200100452886
TITLE: The making of a gradient: **IcsA** (VirG) polarity in **Shigella flexneri**.
AUTHOR(S): Robbins, Jennifer R.; Monack, Denise; McCallum, Sandra J.;

Vegas, Arturo; Pham, Estella; Goldberg, Marcia B.; Theriot, Julie A. (1)

CORPORATE SOURCE: (1) Department of Biochemistry, Stanford University School of Medicine, 279 West Campus Drive, Stanford, CA, 94305-5307: theriot@cmgm.stanford.edu USA

SOURCE: Molecular Microbiology, (August, 2001) Vol. 41, No. 4, pp. 861-872. print.
ISSN: 0950-382X.

DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 9 OF 108 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 4

ACCESSION NUMBER: 2001:720664 CAPLUS
TITLE: Cadaverine prevents the escape of **Shigella flexneri** from the phagolysosome: A connection between bacterial dissemination and neutrophil transepithelial signaling
AUTHOR(S): Fernandez, Isabel M.; Silva, Milton; Schuch, Raymond; Walker, W. Allan; Siber, Andrew M.; Maurelli, Anthony T.; McCormick, Beth A.
CORPORATE SOURCE: Mucosal Immunology Laboratories, Massachusetts General Hospital, Charlestown, MA, 02129-4404, USA
SOURCE: J. Infect. Dis. (2001), 184(6), 743-753
CODEN: JIDIAQ; ISSN: 0022-1899
PUBLISHER: University of Chicago Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 51
REFERENCE(S): (1) Adam, T; J Cell Biol 1995, V129, P367 CAPLUS
(2) Allaoui, A; J Bacteriol 1992, V174, P7661 CAPLUS
(3) Allaoui, A; Mol Microbiol 1993, V7, P59 CAPLUS
(4) Andrews, G; Infect Immun 1991, V59, P1997 CAPLUS
(5) Andrews, G; Infect Immun 1992, V60, P3287 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 10 OF 108 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 5

ACCESSION NUMBER: 2001:711693 CAPLUS
TITLE: Actin-based motility is sufficient for bacterial membrane protrusion formation and host cell uptake
AUTHOR(S): Monack, Denise M.; Theriot, Julie A.
CORPORATE SOURCE: Department of Microbiology and Immunology, Stanford University School of Medicine, Stanford, CA, 94305-5307, USA
SOURCE: Cellular Microbiology (2001), 3(9), 633-647
CODEN: CEMIF5; ISSN: 1462-5814
PUBLISHER: Blackwell Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 58
REFERENCE(S): (1) Allaoui, A; Mol Microbiol 1992, V6, P1605 CAPLUS
(2) Bernardini, M; Proc Natl Acad Sci USA 1989, V86, P3867 CAPLUS
(3) Bielecki, J; Nature 1990, V345, P175 CAPLUS
(4) Brenner, D; J Bacteriol 1969, V98, P637 CAPLUS
(5) Cameron, L; Proc Natl Acad Sci USA 1999, V96, P4908 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 11 OF 108 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 2001356377 EMBASE
TITLE: **IcsA** heads to the pole.
AUTHOR: Wilson J.W.
CORPORATE SOURCE: . jwilson4@tulane.edu

SOURCE: Trends in Microbiology, (1 Oct 2001) 9/10 (467-468).
Refs: 1
ISSN: 0966-842X CODEN: TRMIEA
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; Note
FILE SEGMENT: 004 Microbiology
LANGUAGE: English

L2 ANSWER 12 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 6
ACCESSION NUMBER: 2001:292918 BIOSIS
DOCUMENT NUMBER: PREV200100292918
TITLE: Microbes and Microbial Toxins: Paradigms for microbial-mucosal interactions. III. Shigellosis: From symptoms to molecular pathogenesis.
AUTHOR(S): Sansonetti, Philippe J. (1)
CORPORATE SOURCE: (1) Unite de Pathogenie Microbienne Moleculaire et Unite INSERM 389, Institut Pasteur, 28 Rue du Docteur Roux, 75724, Paris cedex, 15: psanson@pasteur.fr France
SOURCE: American Journal of Physiology, (March, 2001) Vol. 280, No. 3 Part 1, pp. G319-G323. print.
ISSN: 0002-9513.
DOCUMENT TYPE: Article; General Review
LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 13 OF 108 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 2001099587 EMBASE
TITLE: Regulating cellular actin assembly.
AUTHOR: Bear J.E.; Krause M.; Gertler F.B.
CORPORATE SOURCE: F.B. Gertler, Department of Biology, Massachusetts Inst. of Technology, 77 Massachusetts Avenue, Cambridge, MA 02139, United States. fgertler@mit.edu
SOURCE: Current Opinion in Cell Biology, (1 Apr 2001) 13/2 (158-166).
Refs: 68
ISSN: 0955-0674 CODEN: COCBE3
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; General Review
FILE SEGMENT: 004 Microbiology
LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 14 OF 108 SCISEARCH COPYRIGHT 2001 ISI (R)
ACCESSION NUMBER: 2001:440633 SCISEARCH
THE GENUINE ARTICLE: 432VU
TITLE: Surfing pathogens and the lessons learned for actin polymerization
AUTHOR: Frishknecht F (Reprint); Way M
CORPORATE SOURCE: European Mol Biol Lab, Cell Biol & Biophys Programme, Meyerhofstr 1, D-69117 Heidelberg, Germany (Reprint); European Mol Biol Lab, Cell Biol & Biophys Programme, D-69117 Heidelberg, Germany
COUNTRY OF AUTHOR: Germany
SOURCE: TRENDS IN CELL BIOLOGY, (JAN 2001) Vol. 11, No. 1, pp. 30-38.
Publisher: ELSEVIER SCIENCE LONDON, 84 THEOBALDS RD, LONDON WC1X 8RR, ENGLAND.
ISSN: 0962-8924.
DOCUMENT TYPE: General Review; Journal
LANGUAGE: English
REFERENCE COUNT: 100
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 15 OF 108 SCISEARCH COPYRIGHT 2001 ISI (R)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-85234	19980513 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Ketter, James
LEGAL REPRESENTATIVE: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.
NUMBER OF CLAIMS: 16
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 946
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 18 OF 108 USPATFULL
ACCESSION NUMBER: 2000:129898 USPATFULL
TITLE: High volume nutrient based yeast two-hybrid assay for the identification of specific protein:protein interacting inhibitors
INVENTOR(S): Klein, Ronald D., Schoolcraft, MI, United States
Buysse, Jerry M., Portage, MI, United States
PATENT ASSIGNEE(S): Pharmacia and Upjohn Company, Kalamazoo, MI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 1892		20001003
APPLICATION INFO.:	US 1996-684612		19960719 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1995-6475	19951113 (60)
	US 1995-1585	19950727 (60)

DOCUMENT TYPE: Statutory
FILE SEGMENT: Granted
PRIMARY EXAMINER: Jordan, Charles T.
ASSISTANT EXAMINER: Chelliah, Meena
LEGAL REPRESENTATIVE: Wootton, Thomas A.
NUMBER OF CLAIMS: 1
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 2 Drawing Page(s)
LINE COUNT: 1677
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 19 OF 108 SCISEARCH COPYRIGHT 2001 ISI (R)
ACCESSION NUMBER: 2000:580659 SCISEARCH
THE GENUINE ARTICLE: 337LY
TITLE: GRB2 links signaling to actin assembly by enhancing interaction of neural Wiskott-Aldrich syndrome protein (N-WASp) with actin-related protein (ARP2/3) complex
AUTHOR: Carlier M F (Reprint); Nioche P; BroutinLHermite I; Boujemaa R; LeClainche C; Egile C; Garbay C; Ducruix A; Sansonetti P; Pantaloni D
CORPORATE SOURCE: CNRS, LAB ENZYMOL & BIOCHIM STRUCT, F-91198 GIF SUR YVETTE, FRANCE (Reprint); INST PASTEUR, F-75724 PARIS, FRANCE; FAC PHARM, INSERM U266, UMR CNRS 8600, F-75248 PARIS, FRANCE
COUNTRY OF AUTHOR: FRANCE
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (21 JUL 2000) Vol. 275, No. 29, pp. 21946-21952.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814.
ISSN: 0021-9258.
DOCUMENT TYPE: Article; Journal

FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 57
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 20 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 7
ACCESSION NUMBER: 2000:218453 BIOSIS
DOCUMENT NUMBER: PREV200000218453
TITLE: The shdA gene is restricted to serotypes of Salmonella enterica subspecies I and contributes to efficient and prolonged fecal shedding.
AUTHOR(S): Kingsley, Robert A.; van Amsterdam, Karin; Kramer, Naomi; Baumler, Andreas J. (1)
CORPORATE SOURCE: (1) Department of Medical Microbiology and Immunology, College of Medicine, Texas A and M University Health Science Center, 407 Reynolds Medical Building, College Station, TX, 77843-1114 USA
SOURCE: Infection and Immunity, (May, 2000) Vol. 68, No. 5, pp. 2720-2727.
ISSN: 0019-9567.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 21 OF 108 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 2000:202290 CAPLUS
DOCUMENT NUMBER: 133:2147
TITLE: The development of a FACS-based strategy for the isolation of **Shigella flexneri** mutants that are deficient in intercellular spread
AUTHOR(S): Rathman, Michelle; Jouirhi, Noureddine; Allaoui, Abdelmounaaim; Sansonetti, Philippe; Parsot, Claude; Van Nhieu, Guy Tran
CORPORATE SOURCE: Unite de Pathogenie Microbienne Moleculaire, INSERM U389, Institut Pasteur, Paris, 75724, Fr.
SOURCE: Mol. Microbiol. (2000), 35(5), 974-990
CODEN: MOMIEE; ISSN: 0950-382X
PUBLISHER: Blackwell Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 56
REFERENCE(S): (1) Adam, T; J Cell Biol 1995, V129, P367 CAPLUS
(2) Alexander, D; J Bacteriol 1994, V176, P7079 CAPLUS
(3) Alexeyev, M; Gene 1995, V160, P59 CAPLUS
(4) Allaoui, A; Mol Microbiol 1992, V6, P1605 CAPLUS
(6) Bernardini, M; Infect Immun 1993, V61, P3625 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 22 OF 108 SCISEARCH COPYRIGHT 2001 ISI (R)
ACCESSION NUMBER: 2000:636752 SCISEARCH
THE GENUINE ARTICLE: 344RL
TITLE: Actin-based motility of pathogens: the Arp2/3 complex is a central player
AUTHOR: Cossart P (Reprint)
CORPORATE SOURCE: INST PASTEUR, UNITE INTERACT BACTERIES CELLULES, F-75015 PARIS, FRANCE (Reprint)
COUNTRY OF AUTHOR: FRANCE
SOURCE: CELLULAR MICROBIOLOGY, (JUN 2000) Vol. 2, No. 3, pp. 195-205.
Publisher: BLACKWELL SCIENCE LTD, P O BOX 88, OSNEY MEAD, OXFORD OX2 0NE, OXON, ENGLAND.
ISSN: 1462-5814.
DOCUMENT TYPE: General Review; Journal

FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 84
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 23 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 2001:84237 BIOSIS
DOCUMENT NUMBER: PREV200100084237
TITLE: Shigellosis: A tough compromise between inflammation and bacterial cure.
AUTHOR(S): Sansonetti, Philippe J. (1)
CORPORATE SOURCE: (1) Unite de Pathogenie Microbienne Moleculaire, INSERM U 389, Institut Pasteur, 28 Rue du Dr Roux, F-75724, Paris Cedex 15 France
SOURCE: Immunology, (December, 2000) Vol. 101, No. Supplement 1, pp. 3. print.
Meeting Info.: Annual Congress of the British Society for Immunology Harrogate, UK December 05-08, 2000 British Society for Immunology
. ISSN: 0019-2805.
DOCUMENT TYPE: Conference
LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 24 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 2000:240119 BIOSIS
DOCUMENT NUMBER: PREV200000240119
TITLE: The actin-based motility of **Shigella flexneri** requires N-WASP.
AUTHOR(S): Takeshima, Fuminao (1); Alt, Frederick W.; Liu, Ching-Hui; Hartwig, John; Rosen, Fred S.; Goldberg, Marcia; Southwick, Fred; Snapper, Scott B.
CORPORATE SOURCE: (1) MA Gen Hosp, Boston, MA USA
SOURCE: Gastroenterology, (April, 2000) Vol. 118, No. 4 Suppl. 2 Part 1, pp. AGA A434.
Meeting Info.: 101st Annual Meeting of the American Gastroenterological Association and the Digestive Disease Week. San Diego, California, USA May 21-24, 2000 American Gastroenterological Association
. ISSN: 0016-5085.
DOCUMENT TYPE: Conference
LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 25 OF 108 USPATFULL
ACCESSION NUMBER: 1999:155456 USPATFULL
TITLE: Proteins involved in the synthesis and assembly of O-antigen in Pseudomonas aeruginosa
INVENTOR(S): Lam, Joseph S., Guelph, Canada
Burrows, Lori, Guelph, Canada
Charter, Deborah, Guelph, Canada
de Kievit, Teresa, Guelph, Canada
PATENT ASSIGNEE(S): University of Guelph, Guelph, Canada (non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5994072		19991130	
APPLICATION INFO.:	US 1997-846762		19970430	(8)

	NUMBER	DATE	
PRIORITY INFORMATION:	US 1996-16510	19960430	(60)
	US 1997-39473	19970227	(60)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Degen, Nancy
ASSISTANT EXAMINER: Schwartzman, Robert
LEGAL REPRESENTATIVE: Merchant & Gould P.C.
NUMBER OF CLAIMS: 14
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 66 Drawing Figure(s); 63 Drawing Page(s)
LINE COUNT: 7459
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 26 OF 108 USPATFULL
ACCESSION NUMBER: 1999:27618 USPATFULL
TITLE: Method for introducing and expressing genes in animal cells and live invasive bacterial vectors for use in the same
INVENTOR(S): Powell, Robert J., Baltimore, MD, United States
Lewis, George K., Baltimore, MD, United States
Hone, David M., Ellicott City, MD, United States
PATENT ASSIGNEE(S): University of Maryland at Baltimore, Baltimore, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5877159		19990302	
APPLICATION INFO.:	US 1995-433790		19950503	(8)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Chambers, Jasemine C.
ASSISTANT EXAMINER: Schmuck, Jill D.
LEGAL REPRESENTATIVE: Sughrue, Mion, Zinn, Macpeak & Seas, PLLC
NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 15
NUMBER OF DRAWINGS: 6 Drawing Figure(s); 6 Drawing Page(s)
LINE COUNT: 1647
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 27 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 8
ACCESSION NUMBER: 1999:357551 BIOSIS
DOCUMENT NUMBER: PREV199900357551
TITLE: Vaccination against shigellosis with attenuated **Shigella flexneri** 2a strain SC602.
AUTHOR(S): Coster, Trinka S.; Hoge, Charles W.; VanDeVerg, Lillian L.; Hartman, Antoinette B.; Oaks, Edwin V.; Venkatesan, Malabi M.; Cohen, Dani; Robin, Guy; Fontaine-Thompson, Annick; Sansonetti, Philippe J.; Hale, Thomas L. (1)
CORPORATE SOURCE: (1) Department of Enteric Infections, Walter Reed Army Institute of Research, Washington, DC, 20307 USA
SOURCE: Infection and Immunity, (July, 1999) Vol. 67, No. 7, pp. 3437-3443.
ISSN: 0019-9567.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 28 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 9
ACCESSION NUMBER: 1999:378109 BIOSIS
DOCUMENT NUMBER: PREV199900378109
TITLE: Rho family GTPases control entry of **Shigella flexneri** into epithelial cells but not intracellular motility.
AUTHOR(S): Mounier, Joelle; Laurent, Valerie; Hall, Alan; Fort, Philippe; Carlier, Marie-France; Sansonetti, Philippe J.; Egile, Coumaran (1)

CORPORATE SOURCE: (1) Unite de Pathogenie Microbienne Moleculaire, INSERM U 389, Institut Pasteur, 28 rue du Docteur Roux, 75724, Paris Cedex 15 France
SOURCE: Journal of Cell Science, (July, 1999) Vol. 112, No. 13, pp. 2069-2080.
ISSN: 0021-9533.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 29 OF 108 SCISEARCH COPYRIGHT 2001 ISI (R)
ACCESSION NUMBER: 1999:981253 SCISEARCH
THE GENUINE ARTICLE: 255MW
TITLE: Polarized localization of the **Shigella flexneri IcsA** protein
AUTHOR: McCallum S J (Reprint); Vegas A J; Monack D; Theriot J A
CORPORATE SOURCE: STANFORD UNIV, BECKMAN CTR, STANFORD, CA 94305; STANFORD UNIV, SCH MED, DEPT BIOCHEM, STANFORD, CA 94305
COUNTRY OF AUTHOR: USA
SOURCE: MOLECULAR BIOLOGY OF THE CELL, (NOV 1999) Vol. 10, Supp. [S], pp. 1805-1805.
Publisher: AMER SOC CELL BIOLOGY, PUBL OFFICE, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814.
ISSN: 1059-1524.
DOCUMENT TYPE: Conference; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 0

L2 ANSWER 30 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 10
ACCESSION NUMBER: 1999:340831 BIOSIS
DOCUMENT NUMBER: PREV199900340831
TITLE: A comparative study of the actin-based motilities of the pathogenic bacteria: Listeria monocytogenes, **Shigella flexneri** and Rickettsia conorii.
AUTHOR(S): Gouin, E.; Gantelet, H.; Egile, C.; Lasa, I.; Ohayon, H.; Villiers, V.; Gounon, P.; Sansonetti, P. J.; Cossart, P. (1)
CORPORATE SOURCE: (1) Unite des Interactions Bacteries-Cellules, Institut Pasteur, 25 and 28 Rue du Dr Roux, 75724, Paris Cedex 15 France
SOURCE: Journal of Cell Science, (June, 1999) Vol. 112, No. 11, pp. 1697-1708.
ISSN: 0021-9533.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 31 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 11
ACCESSION NUMBER: 1999:490829 BIOSIS
DOCUMENT NUMBER: PREV199900490829
TITLE: Activation of the CDC42 effector N-WASP by the **Shigella flexneri IcsA** protein promotes actin nucleation by Arp2/3 complex and bacterial actin-based motility.
AUTHOR(S): Egile, Coumaran; Loisel, Thomas P.; Laurent, Valerie; Li, Rong; Pantaloni, Dominique; Sansonetti, Philippe J.; Carlier, Marie-France (1)
CORPORATE SOURCE: (1) Dynamique du Cytosquelette, LEBS, CNRS, Gif-sur-Yvette, 91198 France
SOURCE: Journal of Cell Biology, (Sept. 20, 1999) Vol. 146, No. 6, pp. 1319-1332.
ISSN: 0021-9525.
DOCUMENT TYPE: Article

LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 32 OF 108 SCISEARCH COPYRIGHT 2001 ISI (R)
ACCESSION NUMBER: 1999:155688 SCISEARCH
THE GENUINE ARTICLE: 166XG
TITLE: Impact of either elevated or decreased levels of cytochrome bd expression on **Shigella flexneri** virulence
AUTHOR: Way S S; Sallustio S; Magliozzo R S; Goldberg M B (Reprint)
CORPORATE SOURCE: YESHIVA UNIV ALBERT EINSTEIN COLL MED, DEPT MICROBIOL & IMMUNOL, 1300 MORRIS PK AVE, BRONX, NY 10461 (Reprint); YESHIVA UNIV ALBERT EINSTEIN COLL MED, DEPT MICROBIOL & IMMUNOL, BRONX, NY 10461; YESHIVA UNIV ALBERT EINSTEIN COLL MED, DEPT PHYSIOL & BIOPHYS, BRONX, NY 10461
COUNTRY OF AUTHOR: USA
SOURCE: JOURNAL OF BACTERIOLOGY, (FEB 1999) Vol. 181, No. 4, pp. 1229-1237.
Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW, WASHINGTON, DC 20005-4171.
ISSN: 0021-9193.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 44
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 33 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 12
ACCESSION NUMBER: 1999:124307 BIOSIS
DOCUMENT NUMBER: PREV199900124307
TITLE: Functional analysis of a rickettsial OmpA homology domain of **Shigella flexneri IcsA**.
AUTHOR(S): Charles, Macarthur; Magdalena, Juana; Theriot, Julie A.; Goldberg, Marcia B. (1)
CORPORATE SOURCE: (1) Dep. Microbiol. Immunol., Albert Einstein Coll. Med., 1300 Morris Park Ave., Bronx, NY 10461-1602 USA
SOURCE: Journal of Bacteriology, (Feb., 1999) Vol. 181, No. 3, pp. 869-878.
ISSN: 0021-9193.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 34 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 13
ACCESSION NUMBER: 2000:49523 BIOSIS
DOCUMENT NUMBER: PREV200000049523
TITLE: A system for identifying post-invasion functions of invasion genes: Requirements for the Mxi-Spa type III secretion pathway of **Shigella flexneri** in intercellular dissemination.
AUTHOR(S): Schuch, Raymond; Sandlin, Robin C.; Maurelli, Anthony T. (1)
CORPORATE SOURCE: (1) Department of Microbiology and Immunology, F. Edward Hebert School of Medicine, Uniformed Services University of the Health Sciences, 4301 Jones Bridge Road, Bethesda, MD USA
SOURCE: Molecular Microbiology, (Nov., 1999) Vol. 34, No. 4, pp. 675-689.
ISSN: 0950-382X.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 35 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 14

ACCESSION NUMBER: 1999:262671 BIOSIS
DOCUMENT NUMBER: PREV199900262671
TITLE: The unipolar Shigella surface protein **IcsA** is targeted directly to the bacterial old pole: IcsP cleavage of **IcsA** occurs over the entire bacterial surface.
AUTHOR(S): Steinhauer, Josefa; Agha, Rabia; Pham, Thao; Varga, Andrew W.; Goldberg, Marcia B. (1)
CORPORATE SOURCE: (1) Department of Microbiology and Immunology, Albert Einstein College of Medicine, Bronx, NY, 10461-1602 USA
SOURCE: Molecular Microbiology, (April, 1999) Vol. 32, No. 2, pp. 367-377.
ISSN: 0950-382X.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 36 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 15
ACCESSION NUMBER: 1999:246853 BIOSIS
DOCUMENT NUMBER: PREV199900246853
TITLE: Establishment of unipolar localization of **IcsA** in **Shigella flexneri** 2a is not dependent on virulence plasmid determinants.
AUTHOR(S): Sandlin, Robin C.; Maurelli, Anthony T. (1)
CORPORATE SOURCE: (1) Department of Microbiology and Immunology, Uniformed Services University of the Health Sciences, F. Edward Hebert School of Medicine, 4301 Jones Bridge Rd., Bethesda, MD, 20814-4799 USA
SOURCE: Infection and Immunity, (Jan., 1999) Vol. 67, No. 1, pp. 350-356.
ISSN: 0019-9567.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 37 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 2000:27880 BIOSIS
DOCUMENT NUMBER: PREV200000027880
TITLE: Polarized localization of the **Shigella flexneri IcsA** protein.
AUTHOR(S): McCallum, Sandra J. (1); Vegas, Arturo J. (1); Monack, Denise (1); Theriot, Julie A.
CORPORATE SOURCE: (1) Beckman Center, Stanford University, Stanford, CA, 94305 USA
SOURCE: Molecular Biology of the Cell, (Nov., 1999) Vol. 10, No. SUPPL., pp. 312a.
Meeting Info.: 39th Annual Meeting of the American Society for Cell Biology Washington, D.C., USA December 11-15, 1999 The American Society for Cell Biology
. ISSN: 1059-1524.
DOCUMENT TYPE: Conference
LANGUAGE: English

L2 ANSWER 38 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1999:323177 BIOSIS
DOCUMENT NUMBER: PREV199900323177
TITLE: Actin-based motility of **Shigella flexneri**
.
AUTHOR(S): McCallum, S. J. (1); Theriot, J. (1)
CORPORATE SOURCE: (1) Stanford University, Stanford, CA USA
SOURCE: Abstracts of the General Meeting of the American Society for Microbiology, (1999) Vol. 99, pp. 234.
Meeting Info.: 99th General Meeting of the American Society for Microbiology Chicago, Illinois, USA May 30-June 3, 1999 American Society for Microbiology

. ISSN: 1060-2011.
DOCUMENT TYPE: Conference
LANGUAGE: English

L2 ANSWER 39 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 16
ACCESSION NUMBER: 1999:174635 BIOSIS
DOCUMENT NUMBER: PREV199900174635
TITLE: Tetranucleotide repeats identify novel virulence determinant homologues in Neisseria meningitidis.
AUTHOR(S): Peak, Ian R. A. (1); Jennings, Michael P.; Hood, Derek W.; Moxon, E. Richard
CORPORATE SOURCE: (1) Dep. Microbiol., Univ. Queensland, Brisbane, QLD 4072 Australia
SOURCE: Microbial Pathogenesis, (Jan., 1999) Vol. 26, No. 1, pp. 13-23.
ISSN: 0882-4010.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 40 OF 108 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1998:684980 CAPLUS
DOCUMENT NUMBER: 129:271510
TITLE: Azithromycin-mediated Shigella DNA delivery in intestinal mucosal epithelium and BHK cells
INVENTOR(S): Sadoff, Jerald C.; Grove, Jason C.; Sizemore, Donata R.
PATENT ASSIGNEE(S): Walter Reed Army Institute of Research, USA
SOURCE: PCT Int. Appl., 27 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9844131	A1	19981008	WO 1998-US5704	19980327
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9868681	A1	19981022	AU 1998-68681	19980327
PRIORITY APPLN. INFO.:			US 1997-42090	19970328
			WO 1998-US5704	19980327

L2 ANSWER 41 OF 108 USPATFULL
ACCESSION NUMBER: 1998:85588 USPATFULL
TITLE: Gua mutants of shigella spp. and vaccines containing the same
INVENTOR(S): Noriega, Fernando R., Baltimore, MD, United States
Levine, Myron M., Columbia, MD, United States
PATENT ASSIGNEE(S): University of Maryland at Baltimore, Baltimore, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5783196		19980721	
APPLICATION INFO.:	US 1996-629600		19960409	(8)
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	Granted			

PRIMARY EXAMINER: Chin, Christopher L.
ASSISTANT EXAMINER: Portner, Ginny Allen
LEGAL REPRESENTATIVE: Sughrue, Mion, Zinn, Macpeak & Seas, PLLC
NUMBER OF CLAIMS: 21
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 12 Drawing Figure(s); 12 Drawing Page(s)
LINE COUNT: 1839
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 42 OF 108 USPATFULL
ACCESSION NUMBER: 1998:64737 USPATFULL
TITLE: Modified shigella having reduced pathogenicity
INVENTOR(S): Sansonetti, Philippe, Paris, France
Fontaine, Annick, Paris, France
PATENT ASSIGNEE(S): Institut Pasteur, Paris, France (non-U.S. corporation)
Institut National de la Sante et de la Recherche Medicale, Paris, France (non-U.S. government)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5762941		19980609
APPLICATION INFO.:	US 1993-118100		19930908 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1990-460946, filed on 21 Mar 1990, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1988-401842	19880715

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Caputa, Anthony C.
LEGAL REPRESENTATIVE: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.
NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1,2,5
NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 1024
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 43 OF 108 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1998:378723 CAPLUS
DOCUMENT NUMBER: 129:132074
TITLE: Induction of type III secretion in **Shigella flexneri** is associated with differential control of transcription of genes encoding secreted proteins
AUTHOR(S): Demers, Brigitte; Sansonetti, Philippe J.; Parsot, Claude
CORPORATE SOURCE: Unite de Pathogenie Microbienne Moleculaire and Unite INSERM U389, Institut Pasteur, Paris, F-75724, Fr.
SOURCE: EMBO J. (1998), 17(10), 2894-2903
CODEN: EMJODG; ISSN: 0261-4189
PUBLISHER: Oxford University Press
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 44 OF 108 SCISEARCH COPYRIGHT 2001 ISI (R)
ACCESSION NUMBER: 1998:908271 SCISEARCH
THE GENUINE ARTICLE: 137GQ
TITLE: Purified extracellular domain of **Shigella flexneri IcsA** is sufficient to induce actin assembly in cytoplasmic extracts.
AUTHOR: Magdalena J (Reprint); Goldberg M B
CORPORATE SOURCE: YESHIVA UNIV ALBERT EINSTEIN COLL MED, DEPT MICROBIOL &

IMMUNOL, BRONX, NY 10461
COUNTRY OF AUTHOR: USA
SOURCE: MOLECULAR BIOLOGY OF THE CELL, (NOV 1998) Vol. 9, Supp. [S], pp. 2362-2362.
Publisher: AMER SOC CELL BIOLOGY, PUBL OFFICE, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814.
ISSN: 1059-1524.
DOCUMENT TYPE: Conference; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 0

L2 ANSWER 45 OF 108 SCISEARCH COPYRIGHT 2001 ISI (R)
ACCESSION NUMBER: 1998:114567 SCISEARCH
THE GENUINE ARTICLE: YU693
TITLE: Intracellular multiplication and virulence of **Shigella flexneri** auxotrophic mutants
AUTHOR: Cersini A; Salvia A M; Bernardini M L (Reprint)
CORPORATE SOURCE: UNIV ROMA LA SAPIENZA, DIPARTIMENTO BIOL CELLULARE & SVILUPPO, FDN INST PASTEUR CENCI BOLOGNETTI, I-00185 ROME, ITALY (Reprint); UNIV ROMA LA SAPIENZA, DIPARTIMENTO BIOL CELLULARE & SVILUPPO, FDN INST PASTEUR CENCI BOLOGNETTI, I-00185 ROME, ITALY
COUNTRY OF AUTHOR: ITALY
SOURCE: INFECTION AND IMMUNITY, (FEB 1998) Vol. 66, No. 2, pp. 549-557.
Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW, WASHINGTON, DC 20005-4171.
ISSN: 0019-9567.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 55
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 46 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1999:43389 BIOSIS
DOCUMENT NUMBER: PREV199900043389
TITLE: Purified extracellular domain of **Shigella flexneri IcsA** is sufficient to induce actin assembly in cytoplasmic extracts.
AUTHOR(S): Magdalena, Juana; Goldberg, Marcia B.
CORPORATE SOURCE: Dep. Microbiology Immunology, Albert Einstein Coll. Med., 1300 Morris Park Avenue, Bronx, NY 10461 USA
SOURCE: Molecular Biology of the Cell, (Nov., 1998) Vol. 9, No. SUPPL., pp. 407A.
Meeting Info.: 38th Annual Meeting of the American Society for Cell Biology San Francisco, California, USA December 12-16, 1998 American Society for Cell Biology
. ISSN: 1059-1524.
DOCUMENT TYPE: Conference
LANGUAGE: English

L2 ANSWER 47 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1998:416719 BIOSIS
DOCUMENT NUMBER: PREV199800416719
TITLE: Human safety and efficacy studies of **Shigella flexneri** 2a SC602 oral vaccine.
AUTHOR(S): Hale, T. L. (1); Coster, T. S.; Van De Verg, L. L. (1); Venkatesan, M. M. (1); Hartman, A. B. (1); Oaks, E. V. (1); Taylor, D. N.; Cohen, D.; Robbin, G.; Sansonetti, P. J.
CORPORATE SOURCE: (1) Walter Reed Army Inst. Res., Washington, D.C. USA
SOURCE: Abstracts of the General Meeting of the American Society for Microbiology, (1998) Vol. 98, pp. 250.

Meeting Info.: 98th General Meeting of the American Society for Microbiology Atlanta, Georgia, USA May 17-21, 1998 American Society for Microbiology
. ISSN: 1060-2011.
DOCUMENT TYPE: Conference
LANGUAGE: English

L2 ANSWER 48 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 17
ACCESSION NUMBER: 1998:304743 BIOSIS
DOCUMENT NUMBER: PREV199800304743
TITLE: Molecular and cellular mechanisms of invasion of the intestinal barrier by enteric pathogens. The paradigm of Shigella.
AUTHOR(S): Sansonetti, P. J. (1)
CORPORATE SOURCE: (1) Unite Pathogenie Microbienne Mol., INSERM U. 389, Inst. Pasteur, 75724 Paris Cedex 15 France
SOURCE: Folia Microbiologica, (1998) Vol. 43, No. 3, pp. 239-246.
ISSN: 0015-5632.
DOCUMENT TYPE: General Review
LANGUAGE: English

L2 ANSWER 49 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 18
ACCESSION NUMBER: 1999:172461 BIOSIS
DOCUMENT NUMBER: PREV199900172461
TITLE: Molecular bases of epithelial cell invasion by **Shigella flexneri**.
AUTHOR(S): Sansonetti, Philippe J. (1); Egile, Coumaran
CORPORATE SOURCE: (1) Unite Pathogenie Microbienne Moleculaire, INSERM U 389, Institut Pasteur, 28 rue Dr Roux, F-75724 Paris Cedex 15 France
SOURCE: Antonie van Leeuwenhoek, (Nov., 1998) Vol. 74, No. 4, pp. 191-197.
ISSN: 0003-6072.
DOCUMENT TYPE: General Review
LANGUAGE: English

L2 ANSWER 50 OF 108 SCISEARCH COPYRIGHT 2001 ISI (R)
ACCESSION NUMBER: 1999:31551 SCISEARCH
THE GENUINE ARTICLE: 150QC
TITLE: N-WASP is an important protein for the actin-based motility of **Shigella flexneri** in the infected epithelial cells
AUTHOR: Suzuki T (Reprint); Sasakawa C
CORPORATE SOURCE: UNIV TOKYO, INST MED SCI, MINATO KU, 4-6-1 SHIROKANEDAI, TOKYO 1088639, JAPAN (Reprint)
COUNTRY OF AUTHOR: JAPAN
SOURCE: JAPANESE JOURNAL OF MEDICAL SCIENCE & BIOLOGY, (30 NOV 1998) Vol. 51, Supp. [1], pp. S63-S68.
Publisher: NATL INST INFECTIOUS DISEASES, C/O JPN J MED SCI BIOL, TOYAMA 1-23-1, SHINJUKU-KU, TOKYO 162, JAPAN.
ISSN: 0021-5112.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 22

L2 ANSWER 51 OF 108 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1997:640781 CAPLUS
DOCUMENT NUMBER: 127:315572
TITLE: Recombinant protein fusion products presentation on bacteria cell surface and release by proteinase
INVENTOR(S): Maurer, Jochen; Jose, Joachim; Meyer, Thomas F.
PATENT ASSIGNEE(S): Max-Planck-Gesellschaft zur Forderung der Wissenschaften E.V., Berlin, Germany; Maurer, Jochen;

Jose, Joachim; Meyer, Thomas F.
SOURCE: PCT Int. Appl., 84 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9735022	A1	19970925	WO 1996-EP1130	19960315
W: AU, CA, CN, JP, KR, NZ, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2248754	AA	19970925	CA 1996-2248754	19960315
AU 9651097	A1	19971010	AU 1996-51097	19960315
AU 714389	B2	19991223		
EP 886678	A1	19981230	EP 1996-907487	19960315
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
CN 1216065	A	19990505	CN 1996-180254	19960315
JP 2000504928	T2	20000425	JP 1997-519186	19960315

PRIORITY APPLN. INFO.: WO 1996-EP1130 A 19960315

L2 ANSWER 52 OF 108 USPATFULL
ACCESSION NUMBER: 97:104604 USPATFULL
TITLE: Antibodies having binding specificity to ShET2, an enterotoxin of **Shigella flexneri** 2A
INVENTOR(S): Fasano, Alessio, Ellicott City, MD, United States
Levine, Myron M., Columbia, MD, United States
Nataro, James P., Catonsville, MD, United States
Noriega, Fernando, Columbia, MD, United States
PATENT ASSIGNEE(S): University of Maryland at Baltimore, Baltimore, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5686580		19971111
APPLICATION INFO.:	US 1995-471154		19950606 (8)

RELATED APPLN. INFO.: Division of Ser. No. US 1994-351147, filed on 30 Nov 1994, now patented, Pat. No. US 5589380 which is a continuation-in-part of Ser. No. US 1993-160317, filed on 2 Dec 1993, now patented, Pat. No. US 5468639 which is a continuation-in-part of Ser. No. US 1992-894774, filed on 5 Jun 1992, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Chan, Christina Y.
ASSISTANT EXAMINER: Nolan, Patrick
LEGAL REPRESENTATIVE: Sughrue,Mion,Zinn,Macpeak & Seas, PLLC
NUMBER OF CLAIMS: 2
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 20 Drawing Figure(s); 15 Drawing Page(s)
LINE COUNT: 1497
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 53 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 19
ACCESSION NUMBER: 1998:5227 BIOSIS
DOCUMENT NUMBER: PREV199800005227
TITLE: Positive regulation of **Shigella flexneri** virulence genes by integration host factor.
AUTHOR(S): Porter, Megan E.; Dorman, Charles J. (1)
CORPORATE SOURCE: (1) Dep. Microbiol., Moyne Inst. Preventive Med., Univ. Dublin, Trinity Coll., Dublin 2 Ireland
SOURCE: Journal of Bacteriology, (Nov., 1997) Vol. 179, No. 21, pp.

6537-6550.
ISSN: 0021-9193.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 54 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 20
ACCESSION NUMBER: 1997:484298 BIOSIS
DOCUMENT NUMBER: PREV199799783501
TITLE: Vinculin proteolysis unmasks an ActA homolog for actin-based Shigella motility.
AUTHOR(S): Laine, Roney O.; Zeile, William; Kang, Fan; Purich, Daniel L.; Southwick, Frederick S. (1)
CORPORATE SOURCE: (1) Div. Infectious Diseases, Box 100277, University Florida College Med., Gainesville, FL 32610 USA
SOURCE: Journal of Cell Biology, (1997) Vol. 138, No. 6, pp. 1255-1264.
ISSN: 0021-9525.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 55 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 21
ACCESSION NUMBER: 1997:179716 BIOSIS
DOCUMENT NUMBER: PREV199799471429
TITLE: SopA, the outer membrane protease responsible for polar localization of **IcsA** in **Shigella flexneri**.
AUTHOR(S): Egile, Coumaran; D'Hauteville, Helene; Parsot, Claude; Sansonetti, Philippe J. (1)
CORPORATE SOURCE: (1) Unite de Pathogenie Microbienne Moleculaire, Unite 389 Inst. National de la Sante et de la Recherche Medicale, Inst. Pasteur, 28 Rue du Docteuur Roux 75724 Paris Cedex 15 France
SOURCE: Molecular Microbiology, (1997) Vol. 23, No. 5, pp. 1063-1073.
ISSN: 0950-382X.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 56 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 22
ACCESSION NUMBER: 1997:119033 BIOSIS
DOCUMENT NUMBER: PREV199799425536
TITLE: Regulation of O-antigen chain length is required for **Shigella flexneri** virulence.
AUTHOR(S): Van Den Bosch, Luisa; Manning, Paul A.; Morona, Renato (1)
CORPORATE SOURCE: (1) Microbial Pathogenesis Unit, Dep. Microbiol. and Immunology, Univ. Adelaide, Adelaide, SA 5005 Australia
SOURCE: Molecular Microbiology, (1997) Vol. 23, No. 4, pp. 765-775.
ISSN: 0950-382X.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 57 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 23
ACCESSION NUMBER: 1997:516334 BIOSIS
DOCUMENT NUMBER: PREV199799815537
TITLE: Molecular and cellular bases of epithelial cell invasion by **Shigella flexneri**.
AUTHOR(S): Sansonetti, Philippe J.
CORPORATE SOURCE: Univ. de Pathol. Microbienne Mol., Inserm U 389, Inst. Pasteur 28, rue du D-Roux, 75724 Paris Cedex 15 France
SOURCE: Comptes Rendus de l'Academie des Sciences Serie III Sciences de la Vie, (1997) Vol. 320, No. 9, pp. 729-734.
ISSN: 0764-4469.
DOCUMENT TYPE: Article
LANGUAGE: French

SUMMARY LANGUAGE: French; English

L2 ANSWER 58 OF 108 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1997:428806 CAPLUS
DOCUMENT NUMBER: 127:63910
TITLE: Invasion of epithelial cells and intercellular spreading of **Shigella flexneri**
AUTHOR(S): Sasakawa, Chihiro
CORPORATE SOURCE: Ikagaku Kenkyusho, Tokyo Daigaku, Tokyo, 108, Japan
SOURCE: Igaku no Ayumi (1997), 181(7), 498-499
CODEN: IGAYAY; ISSN: 0039-2359
PUBLISHER: Ishiyaku
DOCUMENT TYPE: Journal; General Review
LANGUAGE: Japanese

L2 ANSWER 59 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 24
ACCESSION NUMBER: 1997:440314 BIOSIS
DOCUMENT NUMBER: PREV199799739517
TITLE: Disruption of IcsP, the major Shigella protease that cleaves **IcsA**, accelerates actin-based motility.
AUTHOR(S): Shere, Kalpana D.; Sallustio, Sandra; Manessis, Anastasios; D'Aversa, Teresa G.; Goldberg, Marcia B. (1)
CORPORATE SOURCE: (1) Dep. Microbiol. Immunology, Albert Einstein Coll., Med., 1300 Morris Park Avenue, Bronx, NY 10461-1602 USA
SOURCE: Molecular Microbiology, (1997) Vol. 25, No. 3, pp. 451-462.
ISSN: 0950-382X.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 60 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 25
ACCESSION NUMBER: 1998:137217 BIOSIS
DOCUMENT NUMBER: PREV199800137217
TITLE: Identification and molecular characterization of a 27 kDa **Shigella flexneri** invasion plasmid antigen, IpaJ.
AUTHOR(S): Buysse, Jerry M.; Dunyak, Donna S.; Hartman, Antoinette B.; Venkatesan, Malabi M. (1)
CORPORATE SOURCE: (1) Dep. Enteric Infections, Build. 40, Room B020, Walter Reed Army Inst. Res., Walter Reed Army Med. Center, Washington, DC 20307-5100 USA
SOURCE: Microbial Pathogenesis, (Dec., 1997) Vol. 23, No. 6, pp. 357-369.
ISSN: 0882-4010.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 61 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1997:141000 BIOSIS
DOCUMENT NUMBER: PREV199799440203
TITLE: Identification and characterization of virulence factors in shigella.
AUTHOR(S): Agha, R. (1); Shere, K.; Steinhauer, J.; Goldberg, M. B.
CORPORATE SOURCE: (1) Div. Infect. Dis., Dep. Pediatr., Albert Einstein Coll. Med., Bronx, NY USA
SOURCE: Journal of Investigative Medicine, (1997) Vol. 45, No. 1, pp. 187A.
Meeting Info.: Eastern Society for Pediatric Research Annual Meeting Atlantic City, New Jersey, USA March 1-3, 1997
ISSN: 1081-5589.
DOCUMENT TYPE: Conference; Abstract
LANGUAGE: English

L2 ANSWER 62 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 26

ACCESSION NUMBER: 1997:500386 BIOSIS
DOCUMENT NUMBER: PREV199799799589
TITLE: Differential regulation of the plasmid-encoded genes in the **Shigella flexneri** virulence regulon.
AUTHOR(S): Porter, M. E.; Dorman, C. J. (1)
CORPORATE SOURCE: (1) Dep. Microbiol., Moyne Inst. Preventive Med., Univ. Dublin, Trinity Coll., Dublin 2 Ireland
SOURCE: Molecular & General Genetics, (1997) Vol. 256, No. 2, pp. 93-103.
ISSN: 0026-8925.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 63 OF 108 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1997:518995 CAPLUS
DOCUMENT NUMBER: 127:202563
TITLE: **IcsA** (**Shigella flexneri**)
AUTHOR(S): Egile, Coumaran; Sansonetti, Philippe J.
CORPORATE SOURCE: Unite Pathogenie Microbienne Moleculaire, Institut Pasteur, Paris, 75724, Fr.
SOURCE: Guideb. Protein Toxins Their Use Cell Biol. (1997), 80-82. Editor(s): Rappuoli, Rino; Montecucco, Cesare. Oxford University Press: Oxford, UK.
CODEN: 64UWAW
DOCUMENT TYPE: Conference; General Review
LANGUAGE: English

L2 ANSWER 64 OF 108 USPATFULL
ACCESSION NUMBER: 96:120791 USPATFULL
TITLE: Isolated DNA molecule encoding SHET1 of **Shigella flexneri** 2a and mutant **Shigella flexneri** 2a
INVENTOR(S): Fasano, Alessio, Ellicott City, MD, United States
Levine, Myron M., Columbia, MD, United States
Nataro, James P., Catonsville, MD, United States
Noriega, Fernando, Columbia, MD, United States
PATENT ASSIGNEE(S): University of Maryland at Baltimore, Baltimore, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5589380		19961231
APPLICATION INFO.:	US 1994-351147		19941130 (8)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1993-160317, filed on 2 Dec 1993, now patented, Pat. No. US 5468639 which is a continuation-in-part of Ser. No. US 1992-894774, filed on 5 Jun 1992, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Patterson, Jr., Charles L.
ASSISTANT EXAMINER: Kim, Hyosuk
LEGAL REPRESENTATIVE: Sughrue, Mion, Zinn, Macpeak & Seas
NUMBER OF CLAIMS: 8
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 20 Drawing Figure(s); 15 Drawing Page(s)
LINE COUNT: 1508
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 65 OF 108 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 27
ACCESSION NUMBER: 96281613 EMBASE
DOCUMENT NUMBER: 1996281613
TITLE: Functional analysis of Shigella VirG domains essential for interaction with vinculin and actin-based motility.
AUTHOR: Suzuki T.; Saga S.; Sasakawa C.

CORPORATE SOURCE: Dept. of Bacteriology, Institute of Medical Science, University of Tokyo, 4-6-1, Shirokanedai,Minato-ku, Tokyo 108, Japan
SOURCE: Journal of Biological Chemistry, (1996) 271/36 (21878-21885).
ISSN: 0021-9258 CODEN: JBCHA3
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 004 . Microbiology
LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 66 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 28
ACCESSION NUMBER: 1996:438620 BIOSIS
DOCUMENT NUMBER: PREV199699152226
TITLE: Engineered DELTA-guaB-A DELTA-virG **Shigella flexneri** 2a strain CVD 1205: Construction, safety, immunogenicity, and potential efficacy as a mucosal vaccine.
AUTHOR(S): Noriega, Fernando R. (1); Losonsky, Genevieve; Lauderbaugh, Carol; Liao, Fang Ming; Wang, Jin Yuan; Levine, Myron M.
CORPORATE SOURCE: (1) Cent. Vaccine Dev., Univ. Maryland Sch. Med., 10 S. Pine St., Room 9-30, Baltimore, MD 21201 USA
SOURCE: Infection and Immunity, (1996) Vol. 64, No. 8, pp. 3055-3061.
ISSN: 0019-9567.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 67 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 29
ACCESSION NUMBER: 1996:221392 BIOSIS
DOCUMENT NUMBER: PREV199698777521
TITLE: Induction of a local anti-IpaC antibody response in mice by use of a **Shigella flexneri** 2a vaccine candidate: Implications for use of IpaC as a protein carrier.
AUTHOR(S): Barzu, Simona (1); Fontaine, Annick; Sansonetti, Philippe; Phalipon, Armelle
CORPORATE SOURCE: (1) Unite Pathogenie Microbienne Moleculaire, U389 INSERM, Institut Pasteur, 25-28 Rue du Dr. Roux, 75015 Paris France
SOURCE: Infection and Immunity, (1996) Vol. 64, No. 4, pp. 1190-1196.
ISSN: 0019-9567.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 68 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 30
ACCESSION NUMBER: 1996:475295 BIOSIS
DOCUMENT NUMBER: PREV199699204851
TITLE: Construction and characterization of virG (**icsA**)-deleted Escherichia coli K12-**Shigella flexneri** hybrid vaccine strains.
AUTHOR(S): Alexander, William A.; Hartman, Antoinette B.; Oaks, Edwin V.; Venkatesan, Malabi M. (1)
CORPORATE SOURCE: (1) Dep. Enteric Infections, Div. Communicable Diseases Immunology, Walter Reed Army Inst. Res., Washington, DC 20307-5100 USA
SOURCE: Vaccine, (1996) Vol. 14, No. 11, pp. 1053-1061.
ISSN: 0264-410X.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 69 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 31
ACCESSION NUMBER: 1996:106885 BIOSIS

DOCUMENT NUMBER: PREV199698679020
TITLE: Lack of cleavage of **IcsA** in **Shigella flexneri** causes aberrant movement and allows demonstration of a cross-reactive eukaryotic protein.
AUTHOR(S): D'Hauteville, Helene; Lagelouse, Remi Dufourcq; Nato, Farida; Sansonetti, Philippe J. (1)
CORPORATE SOURCE: (1) Unite Pathogenie Microbienne Mol., U 389 Inst. Natl. Sante Recherche Medicale, Inst. Pasteur, 25-28 Rue du Docteur Roux, 75724 Paris Cedex 15 France
SOURCE: Infection and Immunity, (1996) Vol. 64, No. 2, pp. 511-517. ISSN: 0019-9567.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 70 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1997:96286 BIOSIS
DOCUMENT NUMBER: PREV199799395489
TITLE: Actin-dependent intracellular motility of cytoplasmic bacterial pathogens.
AUTHOR(S): Theriot, J. A.
CORPORATE SOURCE: Whitehead Inst. Biomedical Res., Cambridge, MA 02142 USA
SOURCE: Molecular Biology of the Cell, (1996) Vol. 7, No. SUPPL., pp. 341A.
Meeting Info.: Annual Meeting of the 6th International Congress on Cell Biology and the 36th American Society for Cell Biology San Francisco, California, USA December 7-11, 1996
ISSN: 1059-1524.
DOCUMENT TYPE: Conference; Abstract
LANGUAGE: English

L2 ANSWER 71 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1996:259934 BIOSIS
DOCUMENT NUMBER: PREV199698816063
TITLE: Human safety and immunogenicity studies of SC602, an **icsA**-iuc deletion mutant of **Shigella flexneri** 2a.
AUTHOR(S): Hale, T. L. (1); Coster, T. S.; Trofa, A. F. (1); Van De Verg, L. L. (1); Oaks, E. V. (1); Hartman, A. B. (1); Sansonetti, P. J.
CORPORATE SOURCE: (1) Walter Reed Army Inst. Res., Washington, DC USA
SOURCE: Abstracts of the General Meeting of the American Society for Microbiology, (1996) Vol. 96, No. 0, pp. 272.
Meeting Info.: 96th General Meeting of the American Society for Microbiology New Orleans, Louisiana, USA May 19-23, 1996
ISSN: 1060-2011.
DOCUMENT TYPE: Conference
LANGUAGE: English

L2 ANSWER 72 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 32
ACCESSION NUMBER: 1996:193484 BIOSIS
DOCUMENT NUMBER: PREV199698749613
TITLE: Actin-based bacterial motility: Towards a definition of the minimal requirements.
AUTHOR(S): Lasa, Inigo; Cossart, Pascale
CORPORATE SOURCE: Unite des Interactions Bacteries-Cell., Inst. Pasteur, 28 rue du Docteur Roux, Paris 75015 France
SOURCE: Trends in Cell Biology, (1996) Vol. 6, No. 3, pp. 109-114. ISSN: 0962-8924.
DOCUMENT TYPE: General Review
LANGUAGE: English

L2 ANSWER 73 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 33

ACCESSION NUMBER: 1996:529548 BIOSIS
DOCUMENT NUMBER: PREV199699251904
TITLE: Effect of O side-chain length and composition on the virulence of **Shigella flexneri** 2a.
AUTHOR(S): Sandlin, Robin C.; Goldberg, Marcia B.; Maurelli, Anthony T. (1)
CORPORATE SOURCE: (1) Dep. Microbiol. Immunol., F. Edward Hebert Sch. Med., Uniformed Services Univ. Health Sciences, Bethesda, MD 20814-4799 USA
SOURCE: Molecular Microbiology, (1996) Vol. 22, No. 1, pp. 63-73. ISSN: 0950-382X.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 74 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 34
ACCESSION NUMBER: 1996:232967 BIOSIS
DOCUMENT NUMBER: PREV199698797096
TITLE: Recognition of two classes of oligoproline sequences in profilin-mediated acceleration of actin-based Shigella motility.
AUTHOR(S): Zeile, William L.; Purich, Daniel L.; Southwick, Frederick S. (1)
CORPORATE SOURCE: (1) Div. Infect. Dis., Univ. Florida, Coll. Med., Box 100277 Health Sci. Cent., Gainesville, FL 32610-0277 USA
SOURCE: Journal of Cell Biology, (1996) Vol. 133, No. 1, pp. 49-59. ISSN: 0021-9525.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 75 OF 108 MEDLINE
ACCESSION NUMBER: 95327945 MEDLINE
DOCUMENT NUMBER: 95327945 PubMed ID: 7604275
TITLE: Cell movement tale told by bacterial tail protein.
COMMENT: Erratum in: Science 1995 Aug 18;269(5226):909
AUTHOR: Roush W
SOURCE: SCIENCE, (1995 Jul 7) 269 (5220) 30-1. Journal code: UJ7; 0404511. ISSN: 0036-8075.
PUB. COUNTRY: United States
News Announcement
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199508
ENTRY DATE: Entered STN: 19950822
Last Updated on STN: 19960129
Entered Medline: 19950810

L2 ANSWER 76 OF 108 USPATFULL
ACCESSION NUMBER: 95:103402 USPATFULL
TITLE: Isolated DNA molecule encoding ShET2 of **Shigella flexneri** 2a
INVENTOR(S): Fasano, Alessio, Ellicott City, MD, United States
Levine, Myron M., Columbia, MD, United States
Nataro, James P., Catonsville, MD, United States
Noriega, Fernando, Columbia, MD, United States
PATENT ASSIGNEE(S): University of Maryland at Baltimore, Baltimore, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5468639		19951121
APPLICATION INFO.:	US 1993-160317		19931202 (8)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1992-894774, filed on 5 Jun 1992, now abandoned
DOCUMENT TYPE: Utility

FILE SEGMENT: Granted
PRIMARY EXAMINER: Wax, Robert A.
ASSISTANT EXAMINER: Kim, Hyosuk
LEGAL REPRESENTATIVE: Sughrue, Mion, Zinn, Macpeak & Seas
NUMBER OF CLAIMS: 4
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 17 Drawing Figure(s); 13 Drawing Page(s)
LINE COUNT: 1299
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 77 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 35
ACCESSION NUMBER: 1996:82378 BIOSIS
DOCUMENT NUMBER: PREV199698654513
TITLE: Extracellular transport of VirG protein in Shigella.
AUTHOR(S): Suzuki, Toshihiko; Lett, Marie-Claire; Sasakawa, Chihiro (1)
CORPORATE SOURCE: (1) Dep. Bacteriol., Inst. Med. Sci., Univ. Tokyo, 4-61 Shirokane-dai, Minato-ku, Tokyo 108 Japan
SOURCE: Journal of Biological Chemistry, (1995) Vol. 270, No. 52, pp. 30874-30880.
ISSN: 0021-9258.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 78 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 36
ACCESSION NUMBER: 1995:367960 BIOSIS
DOCUMENT NUMBER: PREV199598382260
TITLE: **Shigella flexneri** surface protein **IcsA** is sufficient to direct actin-based motility.
AUTHOR(S): Goldberg, Marcia B. (1); Theriot, Julie A.
CORPORATE SOURCE: (1) Dep. Microbiol. Immunol., Albert Einstein Coll. Med., Bronx, NY 10461 USA
SOURCE: Proceedings of the National Academy of Sciences of the United States of America, (1995) Vol. 92, No. 14, pp. 6572-6576.
ISSN: 0027-8424.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 79 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 37
ACCESSION NUMBER: 1995:226710 BIOSIS
DOCUMENT NUMBER: PREV199598241010
TITLE: Cleavage of Shigella surface protein VirG occurs at a specific site, but the secretion is not essential for intracellular spreading.
AUTHOR(S): Fukuda, Ichiro; Suzuki, Toshihiko; Munakata, Hiroshi; Hayashi, Norio; Katayama, Eisaku; Yoshikawa, Masanosuke; Sasakawa, Chihiro (1)
CORPORATE SOURCE: (1) Dep. Bacteriol., Inst. Med. Sci., Univ. Tokyo, 4-6-1 Shirokanedai, Minato-ku, Tokyo 108 Japan
SOURCE: Journal of Bacteriology, (1995) Vol. 177, No. 7, pp. 1719-1726.
ISSN: 0021-9193.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 80 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 38
ACCESSION NUMBER: 1996:40042 BIOSIS
DOCUMENT NUMBER: PREV199698612177
TITLE: The unrelated surface proteins ActA of Listeria monocytogenesis and **IcsA** of **Shigella Flexneri** are sufficient to confer actin-based motility on Listeria innocua and Escherichia coli respectively.

AUTHOR(S): Kocks, C.; Marchand, J.-B.; Gouin, E.; D'Hauteville, H.; Sansonetti, P. J.; Carlier, M.-F.; Cossart, P. (1)
CORPORATE SOURCE: (1) Unite des Interactions Bacteries-Cellules CNRS URA 1300, Inst. Pasteur, 25 rue du Dr. Roux, 75724 Paris Cedex 15 France
SOURCE: Molecular Microbiology, (1995) Vol. 18, No. 3, pp. 413-423. ISSN: 0950-382X.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 81 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 39
ACCESSION NUMBER: 1995:79623 BIOSIS
DOCUMENT NUMBER: PREV199598093923
TITLE: Avirulence of rough mutants of **Shigella flexneri**: Requirement of O antigen for correct unipolar localization of **IcsA** in the bacterial outer membrane.
AUTHOR(S): Sandlin, Robin C.; Lampel, Keith A.; Keasler, Stacye P.; Goldberg, Marcia B.; Stolzer, Amy L.; Maurelli, Anthony T. (1)
CORPORATE SOURCE: (1) Dep. Microbiol. Immunol., Uniformed Serv., Univ. Health Sci., F. Edward Hebert Sch. Med., 4301 Jones Bridge Rd., Bethesda, MD 20814-4799 USA
SOURCE: Infection and Immunity, (1995) Vol. 63, No. 1, pp. 229-237. ISSN: 0019-9567.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 82 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1995:290398 BIOSIS
DOCUMENT NUMBER: PREV199598304698
TITLE: **IcsA** is Sufficient for Actin-Based Motility of Shigella.
AUTHOR(S): Goldberg, M. B. (1); Theriot, J. A.
CORPORATE SOURCE: (1) Albert Einstein Coll. Med., New York, NY USA
SOURCE: Abstracts of the General Meeting of the American Society for Microbiology, (1995) Vol. 95, No. 0, pp. 188. Meeting Info.: 95th General Meeting of the American Society for Microbiology Washington, D.C., USA May 21-25, 1995 ISSN: 1060-2011.
DOCUMENT TYPE: Conference
LANGUAGE: English

L2 ANSWER 83 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 40
ACCESSION NUMBER: 1995:459464 BIOSIS
DOCUMENT NUMBER: PREV199598473764
TITLE: SepA, the major extracellular protein of **Shigella flexneri**: Autonomous secretion and involvement in tissue invasion.
AUTHOR(S): Benjelloun-Touimi, Zineb; Sansonetti, Philippe J.; Parsot, Claude (1)
CORPORATE SOURCE: (1) Unite Pathogenie Microbienne Mol., INSERM U389, Inst. Pasteur, 28 rue Docteur Roux, 75724 Paris Cedex 15 France
SOURCE: Molecular Microbiology, (1995) Vol. 17, No. 1, pp. 123-135. ISSN: 0950-382X.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 84 OF 108 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 41
ACCESSION NUMBER: 95062761 EMBASE
DOCUMENT NUMBER: 1995062761
TITLE: Actin-based bacterial motility.
AUTHOR: Cossart P.
CORPORATE SOURCE: Unite Interactions Bacteries-Cell, Institut Pasteur, 28 Rue

du Dr Roux,Paris 75724, France
SOURCE: Current Opinion in Cell Biology, (1995) 7/1 (94-101).
ISSN: 0955-0674 CODEN: COCBE3
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; General Review
FILE SEGMENT: 004 Microbiology
LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 85 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 42
ACCESSION NUMBER: 1995:40527 BIOSIS
DOCUMENT NUMBER: PREV199598054827
TITLE: Regulation of Surface Presentation of **IcsA**, a Shigella Protein Essential to Intracellular Movement and Spread, Is Growth Phase Dependent.
AUTHOR(S): Goldberg, Marcia B. (1); Theriot, Julie A.; Sansonetti, Philippe J.
CORPORATE SOURCE: (1) Dep. Microbiol. Immunol., Albert Einstein Coll. Med., Forchheimer 414, 1300 Morris Park Ave., Bronx, NY 10461-1602 USA
SOURCE: Infection and Immunity, (1994) Vol. 62, No. 12, pp. 5664-5668.
ISSN: 0019-9567.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 86 OF 108 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1995:36427 CAPLUS
DOCUMENT NUMBER: 122:24982
TITLE: vacC, a virulence-associated chromosomal locus of **Shigella flexneri**, is homologous to tgt, a gene encoding tRNA-guanine transglycosylase (Tgt) of Escherichia coli K-12
AUTHOR(S): Durand, Jerome M.; Okada, Nobuhiko; Tobe, Toru; Watarai, Masahisa; Fukuda, Ichiro; Suzuki, Toshihoko; Nakata, Noboru; Komatsu, Keiko; Yoshikawa, Masanosuke; Sasakawa, Chihiro
CORPORATE SOURCE: Dep. Bacteriology, Univ. Tokyo, Tokyo, Japan
SOURCE: J. Bacteriol. (1994), 176(15), 4627-34
CODEN: JOBAAY; ISSN: 0021-9193
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 87 OF 108 SCISEARCH COPYRIGHT 2001 ISI (R)
ACCESSION NUMBER: 94:423752 SCISEARCH
THE GENUINE ARTICLE: NQ955
TITLE: **SHIGELLA-FLEXNERI** - FROM IN-VITRO INVASION OF EPITHELIAL-CELLS TO INFECTION OF THE INTESTINAL BARRIER
AUTHOR: SANSONETTI P J (Reprint)
CORPORATE SOURCE: INST PASTEUR, INSERM, U389, UNITE PATHOGENIE MICROBIENNE MOLEC, 28 RUE DOCTEUR ROUX, F-75724 PARIS 15, FRANCE (Reprint)
COUNTRY OF AUTHOR: FRANCE
SOURCE: BIOCHEMICAL SOCIETY TRANSACTIONS, (MAY 1994) Vol. 22, No. 2, pp. 295-298.
ISSN: 0300-5127.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: ENGLISH
REFERENCE COUNT: 34

L2 ANSWER 88 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 43
ACCESSION NUMBER: 1994:191545 BIOSIS

DOCUMENT NUMBER: PREV199497204545
TITLE: Regulation of surface presentation of **IcsA**, a **Shigella flexneri** protein essential to intracellular movement, is cell cycle dependent.
AUTHOR(S): Goldberg, Marcia B. (1); Sansonetti, Philippe J.
CORPORATE SOURCE: (1) Albert Eisntein Coll. Med., Bronx, NY 10461 USA
SOURCE: Journal of Cellular Biochemistry Supplement, (1994) Vol. 0, No. 18 PART A, pp. 46.
Meeting Info.: Keystone Symposium on Molecular Events in Microbial Pathogenesis Santa Fe, New Mexico, USA January 8-14, 1994
ISSN: 0733-1959.
DOCUMENT TYPE: Conference
LANGUAGE: English

L2 ANSWER 89 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1994:191520 BIOSIS
DOCUMENT NUMBER: PREV199497204520
TITLE: Molecular and cellular analysis of intestinal barrier invasion by **Shigella flexneri**.
AUTHOR(S): Sansonetti, Philippe J.
CORPORATE SOURCE: Unite de Pathogenic Microbienne Mol., INSERM U 199, Institut Pasteur, 28 rue du Docteur Roux, F-75724 Paris 15 France
SOURCE: Journal of Cellular Biochemistry Supplement, (1994) Vol. 0, No. 18 PART A, pp. 38.
Meeting Info.: Keystone Symposium on Molecular Events in Microbial Pathogenesis Santa Fe, New Mexico, USA January 8-14, 1994
ISSN: 0733-1959.
DOCUMENT TYPE: Conference
LANGUAGE: English

L2 ANSWER 90 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1994:330236 BIOSIS
DOCUMENT NUMBER: PREV199497343236
TITLE: Effect of a galU mutation on invasiveness and spread of **Shigella flexneri** 2a in HeLa cells.
AUTHOR(S): Lampel, Keith A. (1); Sandlin, Robin C.; Keasler, Stacye P.; Maurelli, Anthony T.
CORPORATE SOURCE: (1) Uniformed Serv. Univ. Health Sciences, Bethesda, MD USA
SOURCE: Abstracts of the General Meeting of the American Society for Microbiology, (1994) Vol. 94, No. 0, pp. 29.
Meeting Info.: 94th General Meeting of the American Society for Microbiology Las Vegas, Nevada, USA May 23-27, 1994
ISSN: 1060-2011.
DOCUMENT TYPE: Conference
LANGUAGE: English

L2 ANSWER 91 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 44
ACCESSION NUMBER: 1993:275680 BIOSIS
DOCUMENT NUMBER: PREV199396005905
TITLE: Unipolar localization and ATPase activity of **IcsA** , a **Shigella flexneri** protein involved in intracellular movement.
AUTHOR(S): Golberg, Marcia B.; Barzu, Octavian; Parsot, Claude; Sansonetti, Philippe J. (1)
CORPORATE SOURCE: (1) Unite Pathogenie Microbienne Moleculaire, Inst. Pasteur, 28 rue Dr. Roux, 75724 Paris Cedex 15 France
SOURCE: Journal of Bacteriology, (1993) Vol. 175, No. 8, pp. 2189-2196.
ISSN: 0021-9193.
DOCUMENT TYPE: Article
LANGUAGE: English

L2 ANSWER 92 OF 108 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1994:101805 CAPLUS
DOCUMENT NUMBER: 120:101805
TITLE: The absence of a surface protease, OmpT, determines the intercellular spreading ability of Shigella: the relationship between the ompT and kcpA loci
AUTHOR(S): Nakata, N.; Tobe, T.; Fukuda, I.; Suzuki, T.; Komatsu, K.; Yoshikawa, M.; Sasakawa, C.
CORPORATE SOURCE: Natl. Inst. Leprosy Res., Higashimurayama, 189, Japan
SOURCE: Mol. Microbiol. (1993), 9(3), 459-68
CODEN: MOMIEE; ISSN: 0950-382X
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 93 OF 108 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 45
ACCESSION NUMBER: 1994:479904 CAPLUS
DOCUMENT NUMBER: 121:79904
TITLE: Unipolar localization and ATPase activity of **IcsA**, a **Shigella flexneri** protein involved in intracellular movement
AUTHOR(S): Goldberg, Marcia B.; Barzu, Octavian; Parsot, Claude; Sansonetti, Philippe J.
CORPORATE SOURCE: Unite de Pathog. Microb. Mol., Inst. Pasteur, Paris, F-75724/15, Fr.
SOURCE: Infect. Agents Dis. (1993), 2(4), 210-11
CODEN: IADIEV; ISSN: 1056-2044
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 94 OF 108 MEDLINE DUPLICATE 46
ACCESSION NUMBER: 93350332 MEDLINE
DOCUMENT NUMBER: 93350332 PubMed ID: 8347926
TITLE: Diffuse adherence of enteropathogenic Escherichia coli strains--processing of AIDA-I.
AUTHOR: Benz I; Schmidt M A
CORPORATE SOURCE: Zentrum fur Molekulare Biologie Heidelberg (ZMBH), Germany.
SOURCE: ZENTRALBLATT FUR BAKTERIOLOGIE, (1993 Apr) 278 (2-3) 197-208.
Journal code: BD7; 9203851. ISSN: 0934-8840.
PUB. COUNTRY: GERMANY: Germany, Federal Republic of
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199309
ENTRY DATE: Entered STN: 19931001
Last Updated on STN: 20000303
Entered Medline: 19930916

L2 ANSWER 95 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS
ACCESSION NUMBER: 1993:357101 BIOSIS
DOCUMENT NUMBER: PREV199345040526
TITLE: Unipolar localization, secretion, and carboxy-terminal cleavage of **IcsA**, a **Shigella flexneri** protein involved in intracellular movement.
AUTHOR(S): Goldberg, M. B.; Parsot, C.; Sansonetti, P. J.
CORPORATE SOURCE: Inst. Pasteur, Paris France
SOURCE: Abstracts of the General Meeting of the American Society for Microbiology, (1993) Vol. 93, No. 0, pp. 52.
Meeting Info.: 93rd General Meeting of the American Society for Microbiology Atlanta, Georgia, USA May 16-20, 1993
ISSN: 1060-2011.
DOCUMENT TYPE: Conference

LANGUAGE: English

L2 ANSWER 96 OF 108 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1994:1724 CAPLUS
DOCUMENT NUMBER: 120:1724
TITLE: vacB, a novel chromosomal gene required for expression of virulence genes on the large plasmid of **Shigella flexneri**
AUTHOR(S): Tobe, Toru; Sasakawa, Chihiro; Okada, Nobuhiko; Honma, Yasuko; Yoshikawa, Masanosuke
CORPORATE SOURCE: Inst. Med. Sci., Univ. Tokyo, Tokyo, 108, Japan
SOURCE: J. Bacteriol. (1992), 174(20), 6359-67
CODEN: JOBAAY; ISSN: 0021-9193
DOCUMENT TYPE: Journal
LANGUAGE: English

L2 ANSWER 97 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 47
ACCESSION NUMBER: 1992:391256 BIOSIS
DOCUMENT NUMBER: BA94:63431
TITLE: AIDA-I THE ADHESIN INVOLVED IN DIFFUSE ADHERENCE OF THE DIARRHOEAGENIC ESCHERICHIA-COLI STRAIN 2787 O126 H27 IS SYNTHESIZED VIA A PRECURSOR MOLECULE.
AUTHOR(S): BENZ I; SCHMIDT M A
CORPORATE SOURCE: ZENTRUM FUER MOLEKULARE BIOLOGIE HEIDELBERG, IM NEUENHEIMER FELD 282, D-6900 HEIDELBERG, GERMANY.
SOURCE: MOL MICROBIOL, (1992) 6 (11), 1539-1546.
CODEN: MOMIEE. ISSN: 0950-382X.
FILE SEGMENT: BA; OLD
LANGUAGE: English

L2 ANSWER 98 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 48
ACCESSION NUMBER: 1992:305038 BIOSIS
DOCUMENT NUMBER: BA94:18188
TITLE: PHOSPHORYLATION OF **ICSA** BY CAMP-DEPENDENT PROTEIN KINASE AND ITS EFFECT ON INTERCELLULAR SPREAD OF **SHIGELLA-FLEXNERI**.
AUTHOR(S): D'HAUTEVILLE H; SANSONETTI P J
CORPORATE SOURCE: UNITE DE PATHOGENIE MICROBIENNE MOLECULAIRE ET UNITE 199, INST. NATIONAL DE LA SANTE ET DEL LA RECHERCHE MEDICALE, INST. PASTEUR, 25-28 RUE DU DR ROUX, 75724.
SOURCE: MOL MICROBIOL, (1992) 6 (7), 833-841.
CODEN: MOMIEE. ISSN: 0950-382X.
FILE SEGMENT: BA; OLD
LANGUAGE: English

L2 ANSWER 99 OF 108 LIFESCI COPYRIGHT 2001 CSA
ACCESSION NUMBER: 93:55907 LIFESCI
TITLE: Pathogenesis and immunology in shigellosis: Applications for vaccine development.
AUTHOR: Hale, T.L.; Keren, D.F.
CORPORATE SOURCE: Dep. Enteric Infect., Walter Reed Army Inst. Res., Washington, DC 20307-5100, USA
SOURCE: CURR. TOP. MICROBIOL. IMMUNOL., (1992) pp. 117-138.
DOCUMENT TYPE: Book
FILE SEGMENT: J; W3; F
LANGUAGE: English

L2 ANSWER 100 OF 108 MEDLINE
ACCESSION NUMBER: 92370995 MEDLINE
DOCUMENT NUMBER: 92370995 PubMed ID: 1505204
TITLE: Molecular and cellular biology of **Shigella flexneri** invasiveness: from cell assay systems to shigellosis.
AUTHOR: Sansonetti P J

CORPORATE SOURCE: Unite de Pathogenie Microbienne Moleculaire, INSERM U199, Institut Pasteur, Paris, France.
SOURCE: CURRENT TOPICS IN MICROBIOLOGY AND IMMUNOLOGY, (1992) 180 1-19. Ref: 69
Journal code: DWQ; 0110513. ISSN: 0070-217X.
PUB. COUNTRY: GERMANY: Germany, Federal Republic of
Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, ACADEMIC)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199209
ENTRY DATE: Entered STN: 19921009
Last Updated on STN: 19970203
Entered Medline: 19920921

L2 ANSWER 101 OF 108 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1991:529174 CAPLUS
DOCUMENT NUMBER: 115:129174
TITLE: Preparation of Shigella mutants for use as vaccines
INVENTOR(S): Sansonetti, Philippe; Bernardini, Maria Lina; Fontaine, Annick
PATENT ASSIGNEE(S): Institut Pasteur, Fr.
SOURCE: Eur. Pat. Appl., 18 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 441071	A1	19910814	EP 1990-400326	19900206
EP 441071	B1	19940921		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
CA 2051434	AA	19910807	CA 1991-2051434	19910205
WO 9112321	A1	19910822	WO 1991-EP252	19910205
W: CA, JP, US				
JP 04505399	T2	19920924	JP 1991-503729	19910205

PRIORITY APPLN. INFO.: EP 1990-400326 19900206
WO 1991-EP252 19910205

L2 ANSWER 102 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 49
ACCESSION NUMBER: 1991:297038 BIOSIS
DOCUMENT NUMBER: BA92:18053
TITLE: STRESS FIBER-BASED MOVEMENT OF **SHIGELLA-FLEXNERI** WITHIN CELLS.
AUTHOR(S): VASSELON T; MOUNIER J; PREVOST M C; HELLIO R; SANSONETTI P J
CORPORATE SOURCE: UNITE PATHOGENIE MICROBIENNE MOLECULAIRE, INSERM, U199, INSTITUT PASTEUR, 75724 PARIS CEDEX 15, FR.
SOURCE: INFECT IMMUN, (1991) 59 (5), 1723-1732.
CODEN: INFIBR. ISSN: 0019-9567.
FILE SEGMENT: BA; OLD
LANGUAGE: English

L2 ANSWER 103 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 50
ACCESSION NUMBER: 1991:227623 BIOSIS
DOCUMENT NUMBER: BA91:119083
TITLE: VIRULENCE PLASMIDS OF ENTEROINVASIVE ESCHERICHIA-COLI AND **SHIGELLA-FLEXNERI** INTEGRATE INTO A SPECIFIC SITE ON THE HOST CHROMOSOME INTEGRATION GREATLY REDUCES EXPRESSION OF PLASMID-CARRIED VIRULENCE GENES.
AUTHOR(S): ZAGAGLIA C; CASALINO M; COLONNA B; CONTI C; CALCONI A;

NICOLETTI M
CORPORATE SOURCE: IST. DI MED. SPERIMENTALE, CATTEDRA DI MICROBIOL., UNIV. "G. D'ANNUNZIO," 63100 CHIETI, ROME, ITALY.
SOURCE: INFECT IMMUN, (1991) 59 (3), 792-799.
CODEN: INFIBR. ISSN: 0019-9567.
FILE SEGMENT: BA; OLD
LANGUAGE: English

L2 ANSWER 104 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 51
ACCESSION NUMBER: 1991:364641 BIOSIS
DOCUMENT NUMBER: BA92:52866
TITLE: OMP-B OSMO-REGULATION AND ICS-A CELL-TO-CELL SPREAD MUTANTS OF **SHIGELLA-FLEXNERI** VACCINE CANDIDATES AND PROBES TO STUDY THE PATHOGENESIS OF SHIGELLOSIS.
AUTHOR(S): SANSONETTI P J; ARONDEL J; FONTAINE A; D'HAUTEVILLE H; BERNARDINI M L
CORPORATE SOURCE: UNITE PATHOGENIE MICROBIENNE MOLECULAIRE, INSTITUT PASTEUR, 28 RUE DU DOCTEUR ROUX, 75724 PARIS CEDEX, FR.
SOURCE: VACCINE, (1991) 9 (6), 416-422.
CODEN: VACCDE. ISSN: 0264-410X.
FILE SEGMENT: BA; OLD
LANGUAGE: English

L2 ANSWER 105 OF 108 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1990:435920 CAPLUS
DOCUMENT NUMBER: 113:35920
TITLE: Recombinant Shigella with inactivated pathogenesis-related genes
INVENTOR(S): Sansonetti, Philippe; Fontaine, Annick
PATENT ASSIGNEE(S): Institut Pasteur, Fr.; Institut National de la Sante et de la Recherche Medicale (INSERM)
SOURCE: PCT Int. Appl., 34 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9000604	A1	19900125	WO 1989-EP831	19890714
W: AU, DK, JP, KR, US				
RW: BF, BJ, CF, CG, CM, GA, ML, MR, SN, TD, TG				
EP 350555	A1	19900117	EP 1988-401842	19880715
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
EP 351322	A1	19900117	EP 1989-402024	19890713
EP 351322	B1	19940608		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
AT 106941	E	19940615	AT 1989-402024	19890713
ES 2054058	T3	19940801	ES 1989-402024	19890713
AU 8938795	A1	19900205	AU 1989-38795	19890714
AU 620630	B2	19920220		
ZA 8905371	A	19900425	ZA 1989-5371	19890714
JP 03500368	T2	19910131	JP 1989-507752	19890714
CA 1324970	A1	19931207	CA 1989-605773	19890714
DK 9000657	A	19900313	DK 1990-657	19900313
US 5762941	A	19980609	US 1993-118100	19930908

PRIORITY APPLN. INFO.:

EP 1988-401842	19880715
EP 1989-402024	19890713
WO 1989-EP831	19890714
US 1990-460946	19900321

L2 ANSWER 106 OF 108 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 52
ACCESSION NUMBER: 91027426 EMBASE

DOCUMENT NUMBER: 1991027426
TITLE: Construction and evaluation of live attenuated vaccine strains of **Shigella flexneri** and Shigella dysenteriae 1.
AUTHOR: Fontaine A.; Arondel J.; Sansonetti P.J.
CORPORATE SOURCE: Unite Pathogen. Microb. Molec., INSERM U199, Institut Pasteur, 28 Rue du Dr Roux,75724 Paris Cedex 15, France
SOURCE: Research in Microbiology, (1990) 141/7-8 (907-912). ISSN: 0923-2508 CODEN: RMCREW
COUNTRY: France
DOCUMENT TYPE: Journal; Conference Article
FILE SEGMENT: 004 Microbiology
LANGUAGE: English
SUMMARY LANGUAGE: English

L2 ANSWER 107 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 53
ACCESSION NUMBER: 1989:312227 BIOSIS
DOCUMENT NUMBER: BA88:25957
TITLE: IDENTIFICATION OF ICS-A A PLASMID LOCUS OF **SHIGELLA -FLEXNERI** THAT GOVERNS BACTERIAL INTRACELLULAR AND INTERCELLULAR SPREAD THROUGH INTERACTION WITH F ACTIN.
AUTHOR(S): BERNARDINI M L; MOUNIER J; D'HAUTEVILLE H; COQUIS-RONDON M; SANSONETTI P J
CORPORATE SOURCE: SERV. DES ENTEROBACTERIES, INST. NATL. DE LA SANTE ET DE LA RECHERCHE MED., UNITE 199, INST. PASTEUR, 28 RUE DU DOCTEUR ROUX, 75724 PARIS CEDEX 15, FRANCE.
SOURCE: PROC NATL ACAD SCI U S A, (1989) 86 (10), 3867-3871. CODEN: PNASA6. ISSN: 0027-8424.
FILE SEGMENT: BA; OLD
LANGUAGE: English

L2 ANSWER 108 OF 108 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 54
ACCESSION NUMBER: 1990:27804 BIOSIS
DOCUMENT NUMBER: BA89:14770
TITLE: CONSTRUCTION AND ELEVATION OF A DOUBLE MUTANT OF **SHIGELLA-FLEXNERI** AS A CANDIDATE FOR ORAL VACCINATION AGAINST SHIGELLOSIS.
AUTHOR(S): SANSONETTI P J; ARONDEL J
CORPORATE SOURCE: UNITE DE PATHOGENIE MICROBIENNE MOL., INST. PASTEUR, 28 RUE DU DR. ROUX, 75742 PARIS CEDEX 15, FR.
SOURCE: VACCINE, (1989) 7 (5), 443-450. CODEN: VACCDE. ISSN: 0264-410X.
FILE SEGMENT: BA; OLD
LANGUAGE: English

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